

LOW COST FILM COMPOSITE CAN LINER

ABSTRACT OF THE DISCLOSURE

The present invention includes methods and apparatus for making a tubular composite container having paperboard body plies and an unsupported polymer film liner adhered thereto. The polymer film liner is comprised of, in order, a first sealant layer, a second adhesive layer, a third polyamide layer, a fourth layer comprising an ethylene/vinyl alcohol copolymer, a fifth polyamide layer, a sixth adhesive layer, a seventh high density polyethylene layer and an eighth high density polyethylene layer. The resulting liner and the paperboard body plies are wound about the tube forming mandrel and adhered together so as to produce a lined tubular composite container.

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